

Comparisons of Job Characteristics

Focus Occupation: **Cost Estimators (13-1051)**

Associated Occupation: **Actuaries (15-2011)**

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

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| | |
|----|--|
| << | Focus occupation element is much lower |
| < | Focus occupation element is lower |
| 0 | Focus occupation element is at a similar level |
| > | Focus occupation element is at a higher level |
| >> | Focus occupation element is at a much higher level |

Knowledge

Similarity of Focus Occupation to Associated Occupation: 73

Focus Occupation: Cost Estimators (13-1051)

Associated Occupation: Actuaries (15-2011)

| Associated Occupation's Key Knowledge Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | | Evaluation of Focus Occupation |
|--|---------------------------------|--------------------------------|---------------------------|----|---|
| Mathematics | 9.2 | 24.8 | 19.0 | << | Extensive education and/or training may be required |
| Economics and Accounting | 4.4 | 17.1 | 11.0 | << | Extensive education and/or training may be required |
| Computers and Electronics | 8.4 | 15.9 | 12.0 | << | Extensive education and/or training may be required |
| Administration and Management | 8.4 | 12.3 | 11.3 | 0 | Current knowledge level may be sufficient |
| Law and Government | 5.9 | 10.8 | 7.1 | << | Extensive education and/or training may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 88

Focus Occupation: Cost Estimators (13-1051)

Associated Occupation: Actuaries (15-2011)

| Associated Occupation's Key Skills Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | | Evaluation of Focus Occupation |
|---|---------------------------------|--------------------------------|---------------------------|----|--|
| Mathematics | 6.2 | 17.2 | 13.5 | << | Extensive development of skills in this area may be required |
| Critical Thinking | 10.8 | 16.4 | 13.3 | < | A higher skill level may be required |
| Judgment and Decision Making | 9.4 | 16.4 | 11.0 | << | Extensive development of skills in this area may be required |
| Complex Problem Solving | 9.1 | 14.8 | 11.2 | << | Extensive development of skills in this area may be required |
| Systems Analysis | 6.5 | 14.4 | 10.1 | << | Extensive development of skills in this area may be required |

| | | | | | |
|-----------------------------------|-----|------|------|----|--|
| Systems Evaluation | 6.4 | 14.4 | 8.3 | << | Extensive development of skills in this area may be required |
| Management of Financial Resources | 3.3 | 10.3 | 11.9 | > | Skill level is likely sufficient |
| Operations Analysis | 5.0 | 10.1 | 6.2 | << | Extensive development of skills in this area may be required |
| Programming | 2.2 | 6.7 | 3.8 | << | Extensive development of skills in this area may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 98

Focus Occupation: Cost Estimators (13-1051)

Associated Occupation: Actuaries (15-2011)

| Associated Occupation's Key Abilities Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation | |
|--|---------------------------------|--------------------------------|---------------------------|--------------------------------|--|
| Mathematical Reasoning | 6.3 | 17.3 | 13.9 | << | Extensive improvement in abilities may be required |
| Number Facility | 6.3 | 17.0 | 14.6 | < | Some improvement in abilities may be required |
| Deductive Reasoning | 10.6 | 15.5 | 12.6 | < | Some improvement in abilities may be required |
| Written Comprehension | 11.0 | 15.2 | 12.3 | < | Some improvement in abilities may be required |
| Inductive Reasoning | 10.2 | 14.5 | 11.2 | << | Extensive improvement in abilities may be required |
| Near Vision | 11.1 | 14.1 | 11.3 | < | Some improvement in abilities may be required |
| Information Ordering | 9.9 | 12.6 | 11.0 | < | Some improvement in abilities may be required |
| Category Flexibility | 9.0 | 12.0 | 10.4 | < | Some improvement in abilities may be required |
| Selective Attention | 8.7 | 11.1 | 8.7 | < | Some improvement in abilities may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 66

Focus Occupation: Cost Estimators (13-1051)

Associated Occupation: Actuaries (15-2011)

| Work Activities | Exclusivity of Activity |
|-------------------------------------|-------------------------|
| Advise clients on financial matters | 77 |
| Use spreadsheet software | 18 |

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 87

Focus Occupation: Cost Estimators (13-1051)

Associated Occupation: Actuaries (15-2011)

| Tools and Technologies | Exclusivity |
|--|-------------|
| Business function specific software | 1 |
| Computers | 1 |
| Content authoring and editing software | 1 |
| Data management and query software | 1 |
| Finance accounting and enterprise resource planning ERP software | 2 |
| Industry specific software | 1 |
| Information exchange software | 1 |

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.